



Government of
Saskatchewan

Information
Services

Legislative Building
Regina, Canada
S4S 0B3
(306) 565-6281

News Release

IMMEDIATE RELEASE
June 17, 1982

Saskatchewan

Environment 82-352

COMMUNITY WATER SUPPLIES SAMPLED FOR ARSENIC CONTENT

Results of tests for arsenic in water supplies in 109 Saskatchewan communities have been released by Saskatchewan Environment's water pollution control branch. All of the results were below the maximum acceptable level of 50 parts per billion (ppb) for drinking water.

A total of 125 samples have been analyzed. Results range from less than 0.5 ppb to 34 ppb. The latter result was for a sample taken from a Sifton well which is not used for drinking water.

Any samples that show values of five ppb or more are being resampled to confirm the accuracy of the values.

All the communities and Saskatchewan Health have been notified of the results. The department will soon complete its current survey of communities around Regina. Owners of community water supplies are responsible for ongoing monitoring programs and Saskatchewan Environment officials are encouraging municipalities to include arsenic levels in regular testing programs.

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For further information, contact:
Don A. Fast, Acting Director
Water Pollution Control Branch
Saskatchewan Environment
5th Floor - 1855 Victoria Ave., Regina, S4P 3V5
Phone: 565-6178

Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Abernathy	Abernathy Cafe	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Assinibola	Texaco on Hwy #2	81-12-14	Willows		Sask. Env.	SRC	1.8	
Assinibola	Gulf Gas Station	82-03-30	Willows		Sask. Env.	Prov. Lab	<2.0	
Aylesbury	Esso Self Serve	82-04-07		well	Sask. Env.	Prov. Lab	3.0	

(1) duplicate
dissolved arsenic

Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Balcarres	Melkie's Garage	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Balgownie	from Town Office	82-02-26		well	Sask. Env.	SRC	<0.5	
Beaumont	Co-op Service Station	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Bengough	South Country Cafe	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Big Beaver	Big Muddy Drop In	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Biggar	WTP-treated water plant	82-02-23		well	Sask. Env.	SRC	4.6	
Bladworth	Bladworth Hotel	82-04-07		well	Sask. Env.	Prov. Lab	8.0	
Briercrest	Bob's Insurance	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Broadview	Public Tap	82-04-07		well	Sask. Env.	Prov. Lab	16.0	
Broadview	Esso Service Station	82-04-28		well	Sask. Env.	Prov. Lab	7.0	
Broderick	J & P Service Station	82-01-20	Broderick Res.		Sask. Env.	SRC	<0.5	
Bulyea	at Co-op Gas Station	82-03-26		well	Sask. Env.	Prov. Lab	12.0	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Cabri	Co-op Service Station	81-12-15	Antelope Creek Res. (S. Sask. River)		Sask. Env.	SRC	1.0	
Chamberlain	Esso Self Serve	82-04-07		well	Sask. Env.	Prov. Lab	11.0	
Chaplin	Hotel	82-03-30		well	Sask. Env.	Prov. Lab	<2.0	
Coronach	Esso Service Station	82-04-21		well	Sask. Env.	Prov. Lab	2.0	
Craik	Co-op Gas Station	81-12-14	PFRA Dam (Arm River)		Sask. Env.	SRC	<0.5	
Crane Valley	Co-op Gas	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Craven	Motor Inn	82-03-04		well	Sask. Env.	SRC	<0.5	
Creighton	WTP	81-04-13	Douglas Lake		Town	Prov. Lab	4.0	
Creighton	WTP	81-06-02	Douglas Lake		Town	Prov. Lab	8.0	
Creighton	WTP	81-06-18	Douglas Lake		Town	Prov. Lab	2.0	
Creighton	WTP	81-09-21	Douglas Lake		Town	Prov. Lab	10.0	
Creighton	WTP	81-10-19	Douglas Lake		Town	Prov. Lab	12.0	
Cutknife	Cutknife Billiards	82-02-15	Cutknife Creek		Sask. Env.	Env. Can.	1.6	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Davidson	Esso Self Serve	82-04-07		well	Sask. Env.	Prov. Lab	2.0	
Davin	at General Store	82-02-26		well	Sask. Env.	SRC	4.8	
Dilke	Co-op	82-04-07		well	Sask. Env.	SRC	5.3	
Dubuc	Agri Power	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Duff	School	82-04-07		well	Sask. Env.	Prov. Lab	2.0	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Earl Grey	at Lucky Dollar Store	82-03-26		well	Sask. Env.	Prov. Lab	18.0	
East End	Gulf Service Station	81-12-14	Frenchman River		Sask. Env.	SRC	0.95	
Edenwold	Hotel	81-12-15	Dugout		Sask. Env.	SRC	8.8	
Edenwold	Esso Service Station	82-04-28	Dugout		Sask. Env.	Prov. Lab	3.0	
Edgeley	at MTP	82-04-07		well	Sask. Env.	Prov. Lab	14.0	
Edgeley	Co-op Store	82-04-28		well	Sask. Env.	Prov. Lab	9.0	
Ernfold	18 Wheeler Restaurant	82-03-30		well	Sask. Env.	Prov. Lab	<2.0	
Fort Qu'Appelle	Esso Station	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Gladmar	Private Residence	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Gravelbourg	Gulf Service Station	81-12-14	Thompson Lake		Sask. Env.	SRC	15.0	
Grayson	Hornings Farm Supply	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Grenfell	Town Office	81-12-15	Reservoir		Sask. Env.	SRC	6.1	
Grenfell	Grenfell Motel	82-04-28	Reservoir		Sask. Env.	Prov. Lab	3.0	
Guernsey	Jack Barry Residence	81-12-14	Dellwood Res.		Sask. Env.	SRC	1.3	

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Sask. Environment
Water Pollution
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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Halbrite	Halbrite General Store	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Hanley	Shell Service Station	82-01-20	Brightwater Res.		Sask. Env.	SRC	0.8	
Herbert	Esso Service Station	81-12-15	PFRA Irrigation Canal		Sask. Env.	SRC	2.9	
Holdfast	Co-op	82-04-07		well	Sask. Env.	SRC	3.6	
Humboldt	Midtown Gulf	81-12-14	Burton Lake		Sask. Env.	SRC	<0.5	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Imperial	Shell Service Station	82-04-07		well	Sask. Env.	SRC	<0.5	
Indian Head	at Esso Station	82-02-26		well	Sask. Env.	SRC	8.6	
Indian Head	Robertson Chev Garage	82-04-07		well	Sask. Env.	Prov. Lab	10.0	
Indian Head	Esso Service Station	82-04-28		well	Sask. Env.	Prov. Lab	<2.0	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Kayville	Credit Union	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Kenaston	Gulf Service Station	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Khedive	Tap Opp. Colbar & Food	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Killaly	Killaly School	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Kindersley	Gulf Service Station	81-12-15		well	Sask. Env.	Env. Can	BIT	
Kronau	Harv's Service	81-12-15	Dugout (Dyana Lake)		Sask. Env.	SRC	2.4	

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• dissolved arsenic
BIT broken in transit

Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Lafleche	Co-op Service Station	81-12-14	Thompson Lake		Sask. Env.	SRC	2.0	
Lake Alma	Lake Alma Motel	82-04-20		well	Sask. Env.	Prov. Lab	6.0	
Lang	Co-op Service Station	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Lanigan	Lanigan Motors	81-12-14	Dellwood Res.		Sask. Env.	SRC	1.8	
Leader	Gulf Service Station	81-12-15	S. Sask. River		Sask. Env.	SRC	0.9	
Lebret	Marchand Confectionary	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Lemberg	Gulf Gas Station	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Lumsden	at Texaco Station	82-03-04		well	Sask. Env.	SRC	<0.5	
Lumsden (1)	at Texaco Station	82-03-04		well	Sask. Env.	Env. Can.	<0.5	

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• dissolved arsenic
BIT broken in transit

Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Macoun	M of General Store	82-04-20		well	Sask. Env.	Prov. Lab	2.0	
Markinch	Kelly's Sales & Service	82-03-04		well	Sask. Env.	SRC	0.6	
McLean	from General Store	82-02-26		well	Sask. Env.	SRC	<0.5	
Meadow Lake	Triple A. Texaco	82-02-09	Meadow River		Sask. Env.	Env. Can.	1.0*	
Melfort	M & R Shell Service	82-01-18	Melfort Creek (Res.)		Sask. Env.	SRC	0.6	
Midale	Gulf Service Station	82-04-20	Dead Lake (Res.)		Sask. Env.	Prov. Lab	<2.0	
Milestone	Co-op Service Station	82-04-20		well	Sask. Env.	Prov. Lab	6.0	
Minton	Gulf Service Station	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Moose Jaw	Texaco on 2nd Ave. E.	81-12-14	Buffalo Pound Lake		Sask. Env.	SRC	<0.5	
Nortlach	School	82-03-30		well	Sask. Env.	Prov. Lab	<2.0	

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BIT broken in transit

Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Neudorf North Battleford	Co-op Service	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
	Junction Service	82-02-15	N. Sask. River		Sask. Env.	Env. Can.	<0.5	
Ogema Ormiston Outlook	Cafe Briar Inn	82-03-30		well	Sask. Env.	Prov. Lab	<2.0	
	Randy's Auto Body	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
	Hannigan's	82-01-30	S. Sask. River		Sask. Env.	SRC	1.2	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Pangman	Co-op Service Station	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Parry	General Store	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	
Penzance	Post Office	82-04-07		well	Sask. Env.	SRC	12.0	
Prince Albert	Imperial 400	82-01-18	N. Sask. River		Sask. Env.	SRC	<0.5	
Qu'Appelle	at fire hall	82-02-26		well	Sask. Env.	SRC	1.3	

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Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Regina	drinking water tap at west sewage pumping station	81-12-15	Buffalo Pound Lake	well	Sask. Env.	SRC	<0.5	
Regina Beach	at Western Pizza	82-03-26		well	Sask. Env.	Prov. Lab	<2.0	
Rosetown	WTP - treated water	82-02-23		well	Sask. Env.	SRC	0.55	
Rosetown	WTP - treated water	82-04-05		well	Town	SRC	0.5	
Rouleau	Husky Service Station	82-04-20		well	Sask. Env.	Prov. Lab	8.0	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Saskatoon	Imperial 400 Motel	82-01-19	S. Sask. River		Sask. Env.	SRC	0.6	
Silton	at General Store	82-03-04		well	Sask. Env.	SRC	34.0	
Silton	hand pump across from General Store	82-03-21		well	Sask. Env.	SRC	<0.5	
Silton	Town Water Pump	82-03-26		well	Sask. Env.	Prov. Lab	<2.0	
Silton	General Store	82-03-26		well	Sask. Env.	Prov. Lab	29.0	
Simpson	AGH Service Station	82-04-07		well	Sask. Env.	SRC	5.0	
Sintaluta	Cafe at Hotel	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Southey	Two Way Service Station	82-03-04		well	Sask. Env.	SRC	1.9	
Spring Valley	R.M. Office	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Stockholm	at WTP	82-04-07		well	Sask. Env.	Prov. Lab	6.0	
Stockholm	Co-op Store	82-04-28		well	Sask. Env.	Prov. Lab	4.0	
Stoney Beach	Post Office	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Strasbourg	Salt & Pepper Cafe	82-03-04		well	Sask. Env.	SRC	4.9	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Sask. Environment
Water Pollution
Control Branch

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
St. Louis St. Victor Swift Current	Gas Station in town	82-01-19	S. Sask. River		Sask. Env.	SRC	0.7	
	Town Pump	82-04-21	Spring		Sask. Env.	Prov. Lab	<2.0	
	Imperial 400	81-12-14	Swift Current Creek		Sask. Env.	SRC	0.8	
Turtleford	Esso Service Station	82-02-09	Turtlelake River		Sask. Env.	Env. Can.	3.2*	
Unity	at WTP	82-02-23		wells	Sask. Env.	SRC	1.6	

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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Verwood	Private Home	82-02-21	Spring		Sask. Env.	Prov. Lab	<2.0	
Vibank	at Esso Station	82-02-26		well	Sask. Env.	SRC	4.6	
Viceroy	Credit Union	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Viscount	Town Rink	81-12-14	Zelma Res. (Lake Diefenbaker)		Sask. Env.	SRC	1.9	
Watrous	Tempo Service Station	82-04-07		well	Sask. Env.	SRC	0.9	
Whitewood	Co-op	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	
Wilcox		82-04-20		well	Sask. Env.	Prov. Lab	11.0	
Wilkie	Town Office	82-02-23		well	Sask. Env.	SRC	1.9	
Willow Bunch	Medical Clinic	82-04-21		well	Sask. Env.	Prov. Lab	<2.0	
Wolseley	at WTP	82-04-07		well	Sask. Env.	Prov. Lab	<2.0	

(1) duplicate dissolved arsenic

Sask. Environment
Water Pollution
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Saskatchewan Municipal Summary of Arsenic Concentrations June, 1982

Community	Sample Site	Date of Sample(s)	Supply Source		Collector	Lab	Arsenic (ug/L)	Comments
			Surface Water	Ground Water				
Yellow Grass	Gulf Service Station	82-04-20		well	Sask. Env.	Prov. Lab	<2.0	

(1) duplicate
• dissolved arsenic

